From: Brown, James [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BB956EC2491E4620B3EEF990A38A57B8-BROWN, JAMES 667F44DAA6]

Sent: 5/1/2018 3:06:30 PM

To: Scheckel, Kirk [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=5377b49f9707432eab7b613986054a78-Scheckel, Kirk]; Zartarian, Valerie

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=81096fe8dd024bdf935dec292bf44f9d-Zartarian, Valerie]; Flowers, Lynn

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=1a4411c874d041b9a8badfc32b91bd70-Flowers, Lynn]; Bradham, Karen

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=f16d1712cb294a4e8589f14474f356b6-Bradham, Karen]; Xue, Jianping

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=0a06bb7bb0a64633b7c68d6cae665b5a-Xue, Jianping]; Burgess, Michele

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=125a4018673642979998ceebe8259c72-MBurgess]

CC: Vandenberg, John [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=dcae2b98a04540fb8d099f9d4dead690-Vandenberg, John]; Bahadori, Tina

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=7da7967dcafb4c5bbc39c666fee31ec3-Bahadori, Tina]; Hauchman, Fred

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=f8bf9785f32048ccad5f60b25a72017d-Hauchman, Fred]; Medina-Vera,

Myriam [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=b081a1f48a044b4c9d1ebc4992c54dee-Medina-Vera, Myriam]; Buckley,

Timothy [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=197a3461d9824a17850f34cc2b0b37fe-Buckley, Timothy]; Stanek, Lindsay

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=14f7d5e8253a415385c88745a88fd6ee-Stanek, Lindsay]; Garland, Jay

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=8344688361ec4461b89037afbf43f5aa-Garland, Jay]; Guiseppi-Elie, Annette

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=63d3e2eaeb9c4acba2609baa90b0f735-Guiseppi-El]; Cashdollar, Jennifer

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=341010ea20014f059a33c49f880a7c36-Cashdollar, Jennifer]; Watkins, Time (FYDIBOHF23SPDLT)/cn=Recipients/cn=341010ea20014f059a35c49c40-Cashdollar, Jennifer=Recipients/cn=341010ea20014f059a35c49c40-Cashdollar, Jennifer=Recipients/cn=341010ea20014f059a35c49c40-Cashdollar, Jennifer=Recipients/cn=341000-Cashdollar, Jennifer=Recipients/cn=34100-Cashdollar, Jennifer=Recipie

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=4cbd1c572f584fd7b0a3b5945f118558-Watkins, Tim]; Timberlake, Dennis

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=aefb78cdbea34ee7860c0134af270802-Timberlake, Dennis]; Speth, Thomas

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=1772a8d7f6554ec79861c6225bd2507d-Speth, Thomas]; Sonich-Mullin, and the substitution of t

Cynthia [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=e634d93d2e0741aaaba1a04e14b347a6-Sonich-Mullin, Cynthia]; Hiscock,

Michael [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=992b117a1981415689779a494e938f97-Hiscock, Michael]; Fleming, Megan

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=14b4c2e10bf84f1fa9a3f91f5ca1c4c0-Fleming, Megan]; Christian, Megan

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=64a0f5e0e9d94271b23cad28db653851-Lizotte, Me]

Subject: RE: Review Requested (suspense: May 4, 2018) re: RSL values for lead in soil

We are coordinating a response from NCEA which we will seek to complete by noon tomorrow (May 2). -Jim

James S. Brown, Ph.D.
U.S. Environmental Protection Agency
Office of Research and Development

National Center for Environmental Assessment, B243-01

Research Triangle Park, NC 27711

Phone: (919) 541-0765

From: Scheckel, Kirk

Sent: Monday, April 30, 2018 12:10 PM

To: Zartarian, Valerie <Zartarian.Valerie@epa.gov>; Brown, James <Brown.James@epa.gov>; Flowers, Lynn <Flowers.Lynn@epa.gov>; Bradham, Karen <Bradham.Karen@epa.gov>; Xue, Jianping <Xue.Jianping@epa.gov>;

Burgess, Michele < Burgess. Michele@epa.gov>

Cc: Vandenberg, John <Vandenberg.John@epa.gov>; Bahadori, Tina <Bahadori.Tina@epa.gov>; Hauchman, Fred

<hauchman.fred@epa.gov>; Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>; Buckley, Timothy

< Buckley. Timothy@epa.gov>; Stanek, Lindsay < Stanek. Lindsay@epa.gov>; Garland, Jay < Garland. Jay@epa.gov>; Contact the stanek of the sta

Guiseppi-Elie, Annette < Guiseppi-Elie. Annette@epa.gov>; Cashdollar, Jennifer < Cashdollar. Jennifer@epa.gov>; Watkins,

Tim <Watkins.Tim@epa.gov>; Timberlake, Dennis <Timberlake.Dennis@epa.gov>; Speth, Thomas

< Speth. Thomas@epa.gov>; Sonich-Mullin, Cynthia < Sonich-Mullin. Cynthia@epa.gov>; Hiscock, Michael

<Hiscock.Michael@epa.gov>; Fleming, Megan <Fleming.Megan@epa.gov>; Christian, Megan

<Christian.Megan@epa.gov>

Subject: RE: Review Requested (suspense: May 4, 2018) re: RSL values for lead in soil

Hi Valerie,

You're hitting the big points. I added a few comments to the document.

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Kirk

Kirk G. Scheckel, Ph.D.

Senior Research Soil Scientist

United States Environmental Protection Agency National Risk Management Research Laboratory Land and Materials Management Division 5995 Center Hill Avenue Cincinnati, OH 45224-1701

Office: (513) 487-2865 Fax: (513) 569-7879 Scheckel.Kirk@epa.gov

Cell: Ex. 6 Personal Privacy (PP)

www.epa.gov

From: Zartarian, Valerie

Sent: Monday, April 30, 2018 9:44 AM

To: Brown, James Brown, James <a href="mailto:specification-colo

<Bradham.Karen@epa.gov>; Scheckel, Kirk <Scheckel.Kirk@epa.gov>; Xue, Jianping <Xue.Jianping@epa.gov>

Cc: Vandenberg, John Vandenberg, John@epa.gov; Bahadori, Tina Bahadori.Tina@epa.gov; Hauchman, Fred

<a href="mailto:-
hauchman.fred@epa.gov; Medina-Vera, Myriam@epa.gov; Buckley, Timothy

<Buckley.Timothy@epa.gov>; Stanek, Lindsay <Stanek.Lindsay@epa.gov>; Garland, Jay <Garland.Jay@epa.gov>;

Guiseppi-Elie, Annette < Guiseppi-Elie. Annette @epa.gov>; Cashdollar, Jennifer < Cashdollar. Jennifer @epa.gov>; Watkins,

Tim <<u>Watkins.Tim@epa.gov</u>>; Timberlake, Dennis <<u>Timberlake.Dennis@epa.gov</u>>; Speth, Thomas

<Speth.Thomas@epa.gov>; Sonich-Mullin, Cynthia <Sonich-Mullin, Cynthia@epa.gov>; Hiscock, Michael

<hacklistock.Michael@epa.gov>; Fleming, Megan <Fleming.Megan@epa.gov; Christian, Megan@epa.gov>

Subject: FW: Review Requested (suspense: May 4, 2018) re: RSL values for lead in soil

Importance: High

Ex. 5 Deliberative Process (DP)

Copying managers here - please let me know if there are others who should weigh in.

Thank you, Valerie

From: Orme-Zavaleta, Jennifer

Sent: Monday, April 30, 2018 7:53 AM

To: Zartarian, Valerie <Zartarian. Valerie@epa.gov>

Cc: Garland, Jay Garland_Jay@epa.gov">Garland_Jay@epa.gov; Watkins, Tim Watkins_Tim@epa.gov; Rodan, Bruce Rodan_bruce@epa.gov;

Christian, Megan < Christian. Megan@epa.gov>

Subject: FW: Review Requested (suspense: May 4, 2018) re: RSL values for lead in soil

See attached. Send Megan any cmts cob Thursday. thanks

Jennifer Orme-Zavaleta, PhD
Principal Deputy Assistant Administrator for Science
USEPA Office of Research and Development

DC: RTP Ex. 6 Personal Privacy (PP) 919

<u>orme-zavaleta.jennifer@epa.gov</u>

From: Hughes, Hayley

Sent: Friday, April 27, 2018 11:44 AM

To: Bertrand, Charlotte < Bertrand.Charlotte@epa.gov>; Best-Wong, Benita < Best-Wong, Benita@epa.gov>; Bloom, David < Bloom.David@epa.gov>; Breen, Barry < Breen.Barry@epa.gov>; Fine, Steven < fine.steven@epa.gov>; Minoli, Kevin

<<u>Minoli.Kevin@epa.gov</u>>; Nishida, Jane <<u>Nishida.Jane@epa.gov</u>>; Orme-Zavaleta, Jennifer <<u>Orme-</u>

Zavaleta.Jennifer@epa.gov>; Robbins, Chris <Robbins.Chris@epa.gov>; Shaw, Betsy <Shaw.Betsy@epa.gov>; Sheehan,

Charles <Sheehan.Charles@epa.gov>; Showman, John <Showman.John@epa.gov>; Simon, Harvey

<Simon. Harvey@epa.gov>; Starfield, Lawrence <Starfield. Lawrence@epa.gov>; Vizian, Donna <Vizian. Donna@epa.gov>;

Wise, Louise <<u>Wise.Louise@epa.gov</u>>; Richardson, RobinH <<u>Richardson.RobinH@epa.gov</u>>; Grantham, Nancy <<u>Grantham.Nancy@epa.gov</u>>

Cc: Foster, Stiven < Foster. Stiven@epa.gov >; Cheatham, Reggie < cheatham.reggie@epa.gov >; Brooks, Becky < Brooks. Becky@epa.gov >

Subject: Review Requested (suspense: May 4, 2018) re: RSL values for lead in soil

Hello All,

As the new EPA National Lead Coordinator, I am requesting your review and comments on the attached pre-decisional document regarding Regional Screening Levels and Regional Removal Management Levels (RMLs).

Ex. 5 Deliberative Process (DP)

Action Requested: Review and provide any comments by COB Friday, May 4, 2018 in an email to Stiven Foster (foster.stiven@epa), and copy James Woolford (Woolford.james@epa.gov), Reggie Cheatham (Cheatham.reggie@epa.gov) and me (hughes.hayley@epa.gov).

Background Information:

The Regions and OLEM develop and maintain the Regional Screening Levels (RSLs) ((https://www.epa.gov/risk/regional-screening-levels-rsls) and Regional Removal Management Levels (RMLs) (https://www.epa.gov/risk/regional-removal-management-levels-chemicals-rmls), which are online tools for EPA to use in the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), also known as Superfund, remedial and removal programs, respectively. The RSLs are risk-based concentrations derived using standardized equations from Superfund guidance and available exposure and toxicity information. There are screening levels for different media, including soil, air, and tap water, as well as different types of exposures (e.g., residential, commercial/industrial). The Superfund remedial program uses RSLs to determine if levels of contamination are sufficient to warrant further investigation of a site. The RSLs derived with default assumptions are provided in tables, and regions can use the online calculator with available data to derive a more site-specific value. Regional removal programs use RMLs to support the decision for EPA to undertake a removal action. Both the RSL and RML tables are updated on a semi-annual basis to incorporate changes in the available information or add new information.

Ex. 5 Deliberative Process (DP)

Thank you, Hayley

Hayley Hughes, DrPH, MPH, CSP EPA National Lead Coordinator Office of the Administrator US Environmental Protection Agency

Desk: 202.564.1116

Email: Hughes.hayley@epa.gov